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Erratum to: Magnetic fields in spiral galaxies

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Due to a rounding error, the constant in all equations involving Faraday rotation measures is incorrect. Equation (10) should read:

$$\chi = \chi_0 + \Phi\,\lambda^2, \quad \text{where} \quad \Phi = 0.812 \int_{\text{source}}^{\text{observer}} B_{\text{reg},\parallel}\, n_{\text{e}}\, \mathrm{d}l$$

Equation (11) should read:

$$\text{RM/DM} = 0.812\langle B_{\text{reg},\parallel}\, n_{\text{e}}\rangle / \langle n_{\text{e}}\rangle$$

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Equation (15) should read:

$$\sigma_{\mathrm{RM}} = 0.812 \, B_{\mathrm{iso},\parallel} \, \langle n_{\mathrm{e}} \rangle \, \sqrt{Ld/f}$$

Furthermore, one term is missing in Eq. (14) that should read:

$$p = p_0 \exp(-S)$$